

4780

DIAMOND BLADE

Patent Number: JP11207633
Publication date: 1999-08-03
Inventor(s): SUZUKI KOUICHI
Applicant(s): SANKYO DIAMOND KOGYO KK
Requested Patent: ☐ JP11207633
Application Number: JP19980022564 19980121
Priority Number(s):
IPC Classification: B24D5/08; B24D3/00; B24D3/00; B24D5/00; B24D5/12; B28D1/24
EC Classification:
Equivalents: JP3236550B2

AD

Abstract

PROBLEM TO BE SOLVED: To provide a diamond blade capable of preventing the wear of a boundary part between a cutting diamond chip and a steel substrate and shaking during cutting by reinforcing the substrate.

SOLUTION: In a diamond blade DB having an outer diameter of approximately 250 mm or more for manufacturing a steel substrate 1 and cutting diamond chips 4 and 5 by a simultaneous sintering method, roughly T-shaped cutting diamond chips 4 and 5 having tongue parts 4a and 5a extended toward the center direction of a diamond wheel are attached to the outer periphery of the steel substrate 1 at a specified interval, and a plurality of substrate reinforcing diamond chips 6 formed toward the outer peripheral direction to have specified widths are attached to almost a middle position between the outer periphery of the substrate 1 and diamond blade DB at specified intervals in a circumferential direction.

Data supplied from the esp@cenet database - 12

USPS EXPRESS MAIL
EV 511 024 001 US
SEPTEMBER 24 2004